

# FILE NOTATIONS

Entered in NID File



Entered On S R Sheet

\_\_\_\_\_

Location Map Pinned

\_\_\_\_\_

Card Indexed



IWR for State or Fee Land

\_\_\_\_\_

Checked by Chief

\_\_\_\_\_

Copy NID to Field Office

\_\_\_\_\_

Approval Letter

\_\_\_\_\_

Disapproval Letter

\_\_\_\_\_

## COMPLETION DATA:

Date Well Completed

\_\_\_\_\_

Location Inspected

\_\_\_\_\_

OW

WW

TA

Bond rate & d

\_\_\_\_\_

GW

OS

PA

State of Fee Land

\_\_\_\_\_

## LOGS FILED

Driller's Log

\_\_\_\_\_

Electric Logs (No. )

\_\_\_\_\_

E

I

E-I

GR

GR-N

Micro

Lat

Mi-L

Sonic

Others

\_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

DUPLICATE COPY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. USA U-25189
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Tenneco Oil Company 303-758-7130		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR 720 S. Colorado Blvd., Denver, CO 80222		8. FARM OR LEASE NAME Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 890' FWL, 590' FNL NWNW At proposed prod. zone Same		9. WELL NO. 13-4
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 20 miles NW of Mack, CO		10. FIELD AND POOL, OR WILDCAT San Arroyo Undesignated
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 590'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 13, T 16S, R 25E
16. NO. OF ACRES IN LEASE 320		12. COUNTY OR PARISH Grand
17. NO. OF ACRES ASSIGNED TO THIS WELL 320		13. STATE UT
18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1400'		19. PROPOSED DEPTH 5500'
20. ROTARY OR CABLE TOOLS Rotary		21. APPROX. DATE WORK WILL START* January 1, 1980
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6495 G.L., 6510 KB		

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8 3/4"	7"	20#, K-55	1530	200 sacks
6 1/2"	4 1/2"	10.5#, K-55	5500	350 sacks

SEE ATTACHED DRILLING PROGNOSIS

① 200' into Mancos  
② Cont 200' above upper - most hydrocarbon zone

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED D. Traywick TITLE Administration Supervisor DATE November 6, 1979  
(This space for Federal or State office use)

PERMIT NO. 43-019-30617

APPROVAL DATE

RECEIVED  
Mar 80

APPROVED BY (ORIG. SGD.) E. W. GUYNN

TITLE DISTRICT ENGINEER

FEB 20 1980B 15 1980

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED  
TO OPERATOR'S COPY

NOTICE OF APPROVAL

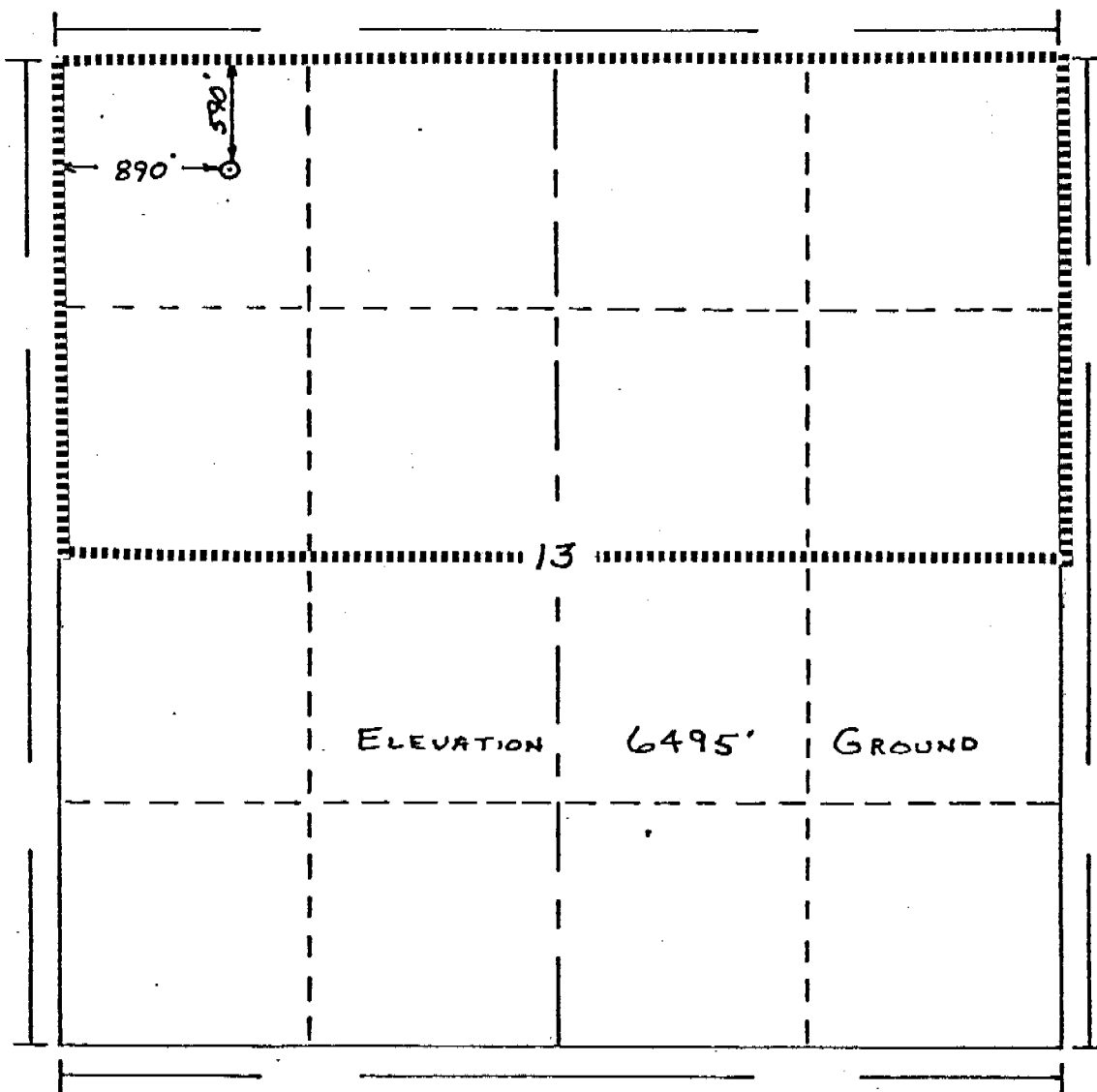
\*See Instructions

State of Utah, Department of Natural Resources  
Division of Oil, Gas, and Mining  
1536 West North Temple  
Salt Lake City, Utah 84116  
FLARING OR VENTING OF  
GAS IS SUBJECT TO NTL 4-A  
DATED 11/80



R. 25 E.

EXHIBIT I



Scale... 1" = 1000'

Powers Elevation Company, Inc. of Denver, Colorado  
has in accordance with a request from Jim. ROUTSON  
for Tenneco Oil Company  
determined the location of #13-4 FEDERAL  
to be 590' FN & 890' FW Section 13 Township 16 S.  
Range 25 E OF THE SALT LAKE Meridian  
GRAND County, UTAH

I hereby certify that this plat is an accurate representation of a correct survey showing the location of  
#13-4 FEDERAL

Date: 6-1-79

Licensed Land Surveyor No. 2711  
State of UTAH

United States Department of the Interior  
Geological Survey  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104

## USUAL ENVIRONMENTAL ASSESSMENT

Date January 21, 1980

Operator Tenneco Oil Company Well No. 13-4  
Location 940' FWL 590' FNL Section 13 Township 16S Range 25E  
County Grand State Utah Field/Unit Wildcat  
Status: Surface Ownership Public Minerals Federal  
Lease No. U-25189 Permit No. \_\_\_\_\_

Joint Field Inspection Date: January 16, 1980

## Field Inspection Participants, Titles, and Organizations:

<u>Craig Hansen</u>	<u>U. S. Geological Survey - Vernal</u>
<u>Elmer Duncan</u>	<u>Bureau of Land Management - Moab</u>
<u>Harry Quinn</u>	<u>Tenneco</u>
<u>Bill Buniger</u>	<u>Dirt Contractor</u>
_____	_____
_____	_____
_____	_____
_____	_____

*Well sit. marked 30'  
590' FWL & 940' FNL  
195' x 250'  
Pad 14' x 125'  
Pit 8' x 16' new access  
Flows line not  
stackpile top side  
1 1/10 ac  
Mitigation  
3) a) - d)*

## Related Environmental Documents:

- 1) Book Mountain Unit Resource Analysis, Bureau of Land Management, Utah
- 2) EA 002-79 - 1414, U. S. Geological Survey, Salt Lake City, Utah

Prepared by: Craig Hansen  
Environmental Scientist  
Grand Junction, Colorado

Proposed Action:

On November 7, 1979, Tenneco Oil Company filed an Application for Permit to Drill the No. 13-4 exploratory well, a 5500' gas test of the Dakota (Cretaceous in age) and Entrada (Jurassic in age) Formations, located at an elevation of 6460' in the NWNW, Sec. 13, T16S, R25E on federal mineral lands and public surface, lease No. U-25189. As an objection was raised to the wellsite, it was moved to 940' FWL and 590' FNL. This did not change the  $\frac{1}{4}$  coordinates. There was no objection raised to the access road.

A rotary rig would be used for the drilling. An adequate casing and cementing program is proposed. Freshwater sands and other mineral-bearing formations would be protected. A Blowout Preventor would be used during the drilling of the well. The proposed pressure rating should be adequate. Details of the operator's NTL-6 10-Point Subsurface Plan are on file in the U.S.G.S. District Office in Salt Lake City, Utah, and the U.S.G.S. Northern Rocky Mountain Area Office in Casper, Wyoming. The 13-Point Surface Protection Plan is on file in the District Office in Salt Lake City, Utah.

A working agreement has been reached with the Bureau of Land Management, the controlling surface agency. Rehabilitation plans would be decided upon as the well neared completion; the Surface Management Agency would be consulted for technical expertise on those arrangements.

The operator proposes to construct a drill pad 195' wide x 250' long and a reserve pit 14' x 125'. A new access road would be constructed 18' wide x .8 mile long from a maintained road. The operator proposes to construct production facilities on disturbed area of the proposed drill pad. If production is established, plans for a gas flowline would be submitted to the appropriate agencies for approval. The anticipated starting date is upon approval and duration of drilling activities would be about 30 days.

Location and Natural Setting:

The proposed drillsite is approximately six miles NW of Mack, Colorado, the nearest town. A poor road runs to within .8 mile of the location. This is a wildcat well.

Topography:

The location is on a steep north slope in the bottom of a narrow canyon with steep, weathered sandstone and shale outcrops to the south and a main wash flowing to the north of the location.

Geology:

The surface geology is the Mesa Verde Formation, Cretaceous in age. The soil is a weathered sandstone talus. No geologic hazards are known near the drillsite. Seismic risk for the area is moderate. Anticipated geologic tops are filed with the 10-Point Subsurface Protection Plan.

Approval of the proposed action would be conditioned that adequate and sufficient electric/radioactive/density logging surveys would be made to locate and identify any potential mineral resources. Production casing and cementing would be adjusted to assure no influence of the hydrocarbon zones through the well bore on these minerals. In the event the well is abandoned, cement plugs would be placed with drilling fluid in the hole to assure protection of any mineral resources.

The potential for loss of circulation would exist and is possible in the sandstone units of the Mesa Verde. Loss of circulation may result in the lowering of the mud levels, which might permit exposed upper formations to blow out or to cause formation to slough and stick to drill pipe. A loss of circulation would result in contamination due to the introduction of drilling muds, mud chemicals, filler materials, and water deep into the permeable zone, fissures, fractures, and caverns within the formation in which fluid loss is occurring. The use of special drilling techniques, drilling muds, and lost circulation materials may be effective in controlling lost circulation.

A geologic review of the proposed action has been furnished by the Area Geologist, U. S. Geological Survey, Salt Lake City, Utah.

The operator's drilling, cementing, casing and blowout prevention programs have been reviewed by the Geological Survey engineers and determined to be adequate.

#### Soils:

No detailed soil survey has been made of the project area. The topsoils in the area range from a weathered sandstone to sandy clay to a clay type soil. The soil is subject to runoff from rainfall and has a high runoff potential and sediment production would be high. The soils are mildly to moderately alkaline and support the salt-desert shrub community. The pinyon-juniper association is also present.

Topsoil would be removed from the surface and stockpiled. The soil would be spread over the surface of disturbed areas when abandoned to aid in rehabilitation of the surface. Rehabilitation is necessary to prevent erosion and encroachment of undesired species on the disturbed areas. The operator proposes to rehabilitate the location and access roads per the recommendations of the Bureau of Land Management.

Approximately 1.8 acres of land would be stripped of vegetation. This would increase the erosional potential. Proper construction practice, construction of water bars, reseeding of slope-cut area would minimize this impact.

#### Air:

No specific data on air quality is available at the proposed location. There would be a minor increase in air pollution due to emissions from rig

Precipitation:

Annual rainfall should range from about 8 to 16" at the proposed location. The majority of the numerous drainages in the surrounding area are of a non-perennial nature flowing only during early spring runoff and during extremely heavy rainstorms. This type of storm is rather uncommon as the annual precipitation is around 14".

Winds are medium and gusty, occurring predominantly from west to east. Air mass inversions are rare. The climate is semiarid with abundant sunshine, hot summers and cold winters with temperature variations on a daily and seasonal basis.

Surface Water Hydrology:

The location drains west approximately .8 mile to East Bitter Creek which flows south to the Colorado River, the major drainage in the area.

Some additional erosion would be expected in the area since surface vegetation would be removed. If erosion became serious, drainage systems such as water bars and dikes would be installed to minimize the problem. The proposed project should have minor impact on the surface water systems. The potentials for pollution would be present from leaks or spills. The operator is required to report and clean up all spills or leaks.

Vegetation:

Pinyon-juniper, mountain mahogany, sagebrush, Indian rice grass, pine grass and small sedges exist on the location.

Proposed action would remove about 1.8 acres of vegetation. Removal of vegetation would increase the erosional potential and there would be a minor decrease in the amount of vegetation available for grazing.

The operator proposes to rehabilitate the surface upon completion of operations.

Wildlife:

Animal and plant inventory has been made by the BLM. No endangered plants or animals are known to inhabit the project area. The fauna of the area consists predominantly of mule deer, coyotes, rabbits, foxes, and varieties of small ground squirrels and other types of rodents and various types of reptiles. The area is used by man for the primary purpose of grazing domestic livestock and sheep. The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

Groundwater Hydrology:

Some minor pollution of groundwater systems would occur with the introduction of drilling fluids (filtrate) into the aquifer. This is normal and

unavoidable during rotary drilling operations. The potential for communication, contamination, and commingling of formations via the well bore would be possible. The drilling program is designed to prevent this. There is need for more data on hydrologic systems in the area and the drilling of this well may provide some basic information as all shows of fresh water would be reported. Water production with the gas would require disposal of produced water per the requirements of NTL-2B. The depths of freshwater formations are listed in the 10-Point Subsurface Protection Plan. The pits would be lined. If fresh water should be available from the well, the owner or surface agency may request completion as a water well if given approval.

#### Social-Economic Effect:

An on the ground surface archaeological reconnaissance would be required prior to approval of the proposed action. Appropriate clearances would then be obtained from the surface managing agency. If a historic artifact, an archaeological feature or site is discovered during construction operations, activity would cease until the extent, the scientific importance, and the method of mitigating the adverse effects could be determined by a qualified cultural resource specialist.

There are no occupied dwellings or other facilities of this nature in the general area. Minor distractions from aesthetics would occur over the lifetime of the project. All permanent facilities placed on the location would be painted a color to blend in with the natural environment. Present use of the area is grazing, recreation, and oil and gas activities.

Noise from the drilling operation may temporarily disturb wildlife and people in the area. Noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels would be infrequent and significantly less. If the area is abandoned, noise levels should return to pre-drilling levels.

The site is not visible from any major roads. After drilling operations, completion equipment would not be visible to passersby of the area and would not present a major intrusion.

The overall effect of oil and gas drilling and production activity is significant in Grand County but it is difficult to assess the environmental impact of a single well on state and/or national levels. However, if said well was to produce in sufficient quantity, additional development wells might be anticipated. This additional development, in turn, would lead to greater environmental and socioeconomic consequences.

Should the wellsite be abandoned, surface rehabilitation would be done according to the surface agency's requirements and to USGS's satisfaction. This would involve leveling, contouring, reseeding, etc., of the location and possibly the access road. If the well should produce hydrocarbons, measures would be undertaken to protect wildlife and domestic stock from the production equipment.



There are no national, state, or local parks, forests, wildlife refuges or ranges, grasslands, monuments, trails or other formally designated recreational facilities near the proposed location.

The proposed location is within the Book Mountain Planning Unit. This Environmental Assessment Record was compiled by the Bureau of Land Management, the surface managing agency of the Federal surface in the area. The study includes additional information on the environmental impact of oil and gas operations in this area and gives land use recommendations. The E.A.R. is on file in the agency's State offices and is incorporated herein by reference.

#### Waste Disposal:

The mud and reserves pits would contain all fluids used during the drilling operations. A trash cage would be utilized for any solid wastes generated at the site and would be removed at the completion of the operations. Sewage would be handled according to State sanitary codes. For further information, see the 13-Point Surface Plan.

#### Alternatives to the Proposed Action:

- 1) Not Approving the Proposed Permit--The Oil and Gas Lease grants the lessee exclusive right to drill for, mine, extract, remove and dispose of all oil and gas deposits. Under leasing provisions, the Geological Survey has an obligation to allow mineral development if the environmental consequences are not too severe or irreversible. Upon rehabilitation of the site, the environmental effects of this action would be substantially mitigated, if not totally annulled. Permanent damage to the surface and subsurface would be prevented as much as possible under U.S.G.S. and other controlling agencies' supervision with rehabilitation planning reversing almost all effects. Additionally, the growing scarcity of oil and gas should be taken into consideration.
- 2) Minor relocation of the wellsite and access road or any special, restrictive stipulations or modifications to the proposed program would not significantly reduce the environmental impact. There are no severe vegetative, animal or archaeological-historical-cultural conflicts at the site. Since only a minor impact on the environment would be expected, the alternative of moving the location is rejected. At abandonment, normal rehabilitation of the area such as contouring, reseeding, etc., would be undertaken with an eventual return to the present status as outlined in the 13-Point Surface Plan.
- 3) Drilling should be allowed, provided the following mitigative measures are incorporated into the proposed APD and adhered to by the operator.
  - a) Location will be moved 50' to the east to accommodate cut and fill.

- b) Reserve pit will be 14' x 125' x 6' deep to insure pit integrity.
- c) Trash cage will be used instead of burn pit. All refuse will be removed on completion of well.
- d) Riprap will be placed on the north edge of location to reduce erosion from wash.

Adverse Environmental Effects Which Cannot Be Avoided:

Surface disturbance and removal of vegetation from approximately 1.8 acres of land surface for the lifetime of the project which would result in increased and accelerated erosional potential. Grazing would be eliminated in the disturbed areas and there would be a minor and temporary disturbance of wildlife and livestock. Minor induced air pollution due to exhaust emissions from rig engines of support traffic engines would occur. Minor increase in dust pollution would occur due to vehicular traffic associated with the operation. If the well is a gas producer, additional surface disturbance would be required to install production pipelines. The potential for fires, leaks, spills of gas, oil or water would exist. During the construction and drilling phases of the project, noise levels would increase. Potential for subsurface damage to freshwater aquifers and other geologic formations exists. Minor distractions from aesthetics during the lifetime of the project would exist. If the well is a producer, an irreplaceable and irretrievable commitment of resources would be made. Erosion from the site would eventually be carried as sediment in the Colorado River. The potential for pollution to East Bitter Creek would exist through leaks and spills.

If well is a producer, other development wells would be anticipated with substantially greater environmental and economic impacts.

We have considered the proposed Tenneco Oil Company #13-4 exploratory well in the preceding pages of this EA and find, based on the analysis of environmental considerations provided therein, no evidence to indicate that it will significantly (40 CFR 1508.27) impact the quality of the human environment.

Determination:

I determine that the proposed action (as modified by the recommended approval conditions) does not constitute a major Federal action significantly affecting the quality of the human environment in the sense of NEPA, Sec. 102(2)(C).

Date

1/22/80

*E. W. L. [Signature]*

District Engineer  
U. S. Geological Survey  
Conservation Division  
Oil and Gas Operations  
Salt Lake City District



*Tenneco #13-4  
Looking west*

U. S. GEOLOGICAL SURVEY - CONSERVATION DIVISION

FROM: DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH

TO: DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-25189

OPERATOR: Tenneco Oil

WELL NO. 13-4

LOCATION: 1/4 NW 1/4 NW 1/4 sec. 13, T. 16S, R. 25E, S2M

Grand County, Utah

1. Stratigraphy: mesa verde - surface

mancos 1025

castlegate 1330

Frontier 4550

Pakota 4950

morrison 5040

salt wash 5400

TD 5500

2. Fresh Water:

probable usable water in castlegate, possible in mesa verde

3. Leasable Minerals:

coal in mesa verde, probably 500 to 1000'

4. Additional Logs Needed:

adequate

5. Potential Geologic Hazards:

none expected

6. References and Remarks:

Signature: 

Date: 12-12-28

PROGNOSIS TO DRILL AND COMPLETE

DIVISION: ROCKY MOUNTAIN

DATE: September 26, 1979

LEASE: Federal

WELL NO.: 13-4

LOCATION: 590' FNL, 890' FWL  
Sec. 13, T 16S, R 25E  
Grand County, Utah

FIELD: San Arroyo

ESTIMATED ELEVATION: 6460' G.L.

ESTIMATED TOTAL DEPTH: 5500'

PROJECTED HORIZON: Morrison

DRILLING, CASING AND CEMENT PROGRAM:

- (1) MIRURT.
- (2) Set 1-2 jts. of 9 5/8" casing to be used as conductor pipe.
- (3) Drill 8 3/4" hole to 1225' or 200'  $\pm$  into the Mancos Formation.
- (4) Run 7" surface casing to T.D. Cement with sufficient volume to circulate cement to surface.
- (5) WOC. NU BOP's, etc. Pressure test BOP's, manifold, etc. to 1500 psi for 15 minutes. Drill out shoe.
- (6) Drill 6 1/4" hole to TD.
- (7) Log well as per G.E. Dept. recommendations.
- (8) If productive, run 4 1/2" casing to TD. Cement with sufficient volume to cover all possible productive zones. If non-productive, P & A as per regulatory agency specifications.

ESTIMATED FORMATION TOPS:

Mesa Verde	Surface
Mancos	1025'
Castlegate	1330'
Frontier	4550'
Dakota Silt	4860'
Dakota	4950' (Gas or Water)
Morrison	5040' (Gas or Water)
Salt Wash	5400' (Gas or Water)
Entrada	N/A
TD	5500'

- (9) No anticipated abnormal pressures, temperatures or potential hazards such as H<sub>2</sub>S are expected to be encountered.
- (10) Drilling will start as soon as possible upon receipt of the approved Application To Drill and continue for 12 days.

DRILLING MUD PROGRAM:

0 - 1225'

Air/misc

If mud up is necessary:

W.L. - + 9.0 ppg.

Vis. - as needed.

1225' - TD

W.L. - 10-15 cc.

CORING AND TESTING PROGRAM:

NONE

DEVIATION SURVEYS:-

1. Survey surface hole at 100' intervals. Maximum allowable deviation at
2. FROM SURFACE TO TOTAL DEPTH DEVIATION SURVEYS MUST BE TAKEN EVERY 500' OR EACH TRIP WHICHEVER IS FIRST. This may entail running the TOTCO on wireline. Record each survey on the AAODC Drilling Report Sheet. Maximum allowable change in deviation is 1° per 100'.

SAMPLES:

NONE

WELL SURVEYS:

SNP/GR )

FDC/GR ) Air Drilled

DIL )

FDC/CNL )

DIL/LL8 w/SP. ) Mud Drilled

BOP:

PREVENTORS MUST BE CHECKED FOR OPERATION EVERY 24 HOURS, AND THE CHECK MUST BE RECORDED ON THE AAODC DRILLING REPORT SHEET.

## REPORTS

Drilling reports for the past 24 hours will include depth, footage, time distribution, activity breakdown, mud properties, bit record, bottom hole assembly, daily and cumulative mud costs, plus any other pertinent information; will be called into Tenneco Oil Company, Denver, Colorado between 7:30 A.M. and 8:00 A.M.

1. 303-758-7130 (office) - Don Barnes  
303-758-7287 - Don Barnes private line - Monday-Friday (before 7:45 A.M.)
2. 303-936-0704 (home) - Don Barnes - weekends and holidays
3. 303-795-0221 (home) - John Owen - if Don Barnes not available

The yellow sheet of the IADC Report to be filled out completely, the original copy of the drilling time recorder, and copies of any invoices from this well signed and received for Tenneco Oil Company will be mailed daily to:

TENNECO OIL COMPANY  
PENTHOUSE  
720 SOUTH COLORADO BOULEVARD  
DENVER, COLORADO 80222

ATTENTION: DRILLING DEPARTMENT

In case of an emergency, notify the following:

1. Mr. Don Barnes, Division Drilling Engineer - 303-936-0704.
2. Mr. John Owen, Project Drilling Engineer - 303-795-0221
3. Mr. Mike Lacey, Division Production Manager - 303-979-0509.

**\*\* FILE NOTATIONS \*\***

DATE: March 6, 1980

Operator: Tenneco Oil Company

Well No: Federal #13-4

Location: Sec. 13 T. 16S R. 25E County: Grand

File Prepared: ☒

Entered on N.I.D.: ☒

Card Indexed: ☒

Completion Sheet: ☐

☒ API Number 43-019-30617

CHECKED BY:

Geological Engineer: \_\_\_\_\_

\_\_\_\_\_

Petroleum Engineer: \_\_\_\_\_

\_\_\_\_\_

Director: \_\_\_\_\_

APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. \_\_\_\_\_

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception/company owns or controls acreage within a 660' radius of proposed site ☐

Lease Designation 3rd

Plotted on Map ☒

Approval Letter Written ☒

*ltn*

*PI  
ne*



March 7, 1980

Tenneco Oil Company  
720 South Colorado Boulevard  
Denver, Colorado 80222

Re: Well No. Federal #13-4  
Sec. 13, T. 16S, R. 25E.,  
Grand County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER  
Geological Engineer  
Office: 533-5771  
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-019-30617.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder  
Geological Engineer

/bcm

cc: USGS

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Tenneco Oil Company

WELL NAME: Federal #13-4

SECTION 13 NW NW TOWNSHIP 16S RANGE 25E COUNTY Grand

DRILLING CONTRACTOR Atco Drilling

RIG # 18

SPUDDED: DATE 5/9/80

TIME 6:15 p.m.

How rotary

DRILLING WILL COMMENCE ASAP

REPORTED BY C.W. Stockman

TELEPHONE #

DATE May 14, 1980

SIGNED Original Signed By M. T. Minder

cc: USGS

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

Form approved.  
Budget Bureau No. 42-R355.5

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____				5. LEASE DESIGNATION AND SERIAL NO. USA-U-25189											
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. DESVR. <input type="checkbox"/> Other _____				6. IF INDIAN ALLOTTEE OR TRIBE NAME											
2. NAME OF OPERATOR Tenneco Oil Company				7. UNIT AGREEMENT NAME											
3. ADDRESS OF OPERATOR 720 S. Colo. Blvd., Denver, CO 80222				8. FARM OR LEASE NAME Carlson Federal											
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 940'FWL, 590'FNL, NW-NW At top prod. interval reported below At total depth				9. WELL NO. 134											
14. PERMIT NO. 43-019-30617				10. FIELD AND FOOT, OR WILDCAT San Arroyo UNDESIGNATED											
DATE ISSUED 3-7-80				11. SEC., T., R., OR BLOCK AND SURVEY Sec. 13, T16S, R25E											
15. DATE SPUDDED 5/9/80				12. COUNTY OR PARISH Grand											
16. DATE T.D. REACHED 5/20/80				13. STATE Utah											
17. DATE COMPL. (Ready to prod.) 6/9/80				18. ELEVATIONS (OF, REB, ET, GR, ETC.) 6495'											
20. TOTAL DEPTH, MD & TVD 5610				19. ELUV. CASINGHEAD											
21. PLUG BACK T.D., MD & TVD 5516				20. ROTARY TOOLS 0 TD											
22. IF MULTIPLE COMPL., HOW MANY*				21. CABLE TOOLS											
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4958-5014 (Dakota/Morrison)				22. WAS DIRECTIONAL SURVEY PLANNED no											
26. TYPE ELECTRIC AND OTHER LOGS RUN Induction log, Formation Density, Gamma-Ray, Sidewall Neutron				23. WAS WELL CORRED no											
25. CASING RECORD (Report all strings set in well)															
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT CEMENTED					
7"		23#		1269		8 3/4		206 sxs, TOC:surface							
4 1/2"		10.5#		5598		6 1/4		225 sxs, TOC:3525							
29. LINER RECORD								30. TUBING RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)	
										2 3/8		4940			
31. PERFORATION RECORD (Interval, size and number)								32. ACID, SHOT, FRACTURE CEMENT SQUEEZE, ETC.							
4958-63 4968-76 5000-14 5206-16 (74 holes)								DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
								4958-5014				80000 gal foam			
								5206-16				80000# 20/40 sand			
												2000# 100 mesh sand			
33.* PRODUCTION								34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)							
DATE FIRST PRODUCTION 6/10/80		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) flowing						WELL STATUS (Producing, shut-in) shut-in							
DATE OF TEST 6/10/80		HOURS TESTED 24		CHOKER SIZE 1 1/2" orifice		PROD'N. FOR TEST PERIOD OIL—BBL. 2500 GAS—MCF. 2500 WATER—BBL. 2500		OIL GRAVITY (API) 2500							
FLOW, TUBING PRESS. 55		CASING PRESSURE 350		CALCULATED 24-HOUR RATE 2500		OIL—BBL. 2500 GAS—MCF. 2500 WATER—BBL. 2500		OIL GRAVITY (API) 2500							
35. LIST OF ATTACHMENTS Electric logs forwarded by Schlumberger.								TEST WITNESSED BY							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records								DATE June 19, 1980							
SIGNED <u>Carly J. Totten</u> TITLE Asst. Div. Admin. Manager								DATE June 19, 1980							

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 28, below regarding separate reports for separate completions.

Item 1: If filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 19: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sack Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 23 and 24 above.)

Item 35: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 23 and 24 above.)

Item 36: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 23 and 24 above.)

Item 37: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 23 and 24 above.)

Item 38: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 23 and 24 above.)

Item 39: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 23 and 24 above.)

Item 40: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 23 and 24 above.)

Item 41: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 23 and 24 above.)

Item 42: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 23 and 24 above.)

Item 43: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 23 and 24 above.)

Item 44: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 23 and 24 above.)

Item 45: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 23 and 24 above.)

Item 46: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 23 and 24 above.)

Item 47: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 23 and 24 above.)

Item 48: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 23 and 24 above.)

Item 49: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 23 and 24 above.)

Item 50: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 23 and 24 above.)

Item 51: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 23 and 24 above.)

Item 52: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 23 and 24 above.)

Item 53: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 23 and 24 above.)

Item 54: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 23 and 24 above.)

Item 55: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 23 and 24 above.)

## 37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORDED INTERVALS, AND ALL DRILL-STEM TESTS, INCLUDING

DEPTH, INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION

TOP

4958

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THE FOLLOWING METERS WILL HAVE CALIBRATION / SETTLEMENT TESTS RUN ON THE DATES INDICATED. STARTING TIME WILL BE 0800 OR AS SPECIFIED BELOW AND AT THE OFFICE OF THE NORTHWEST PIPELINE GRAND JUNCTION DISTRICT YOU WILL BE NOTIFIED SHOULD ANY CHANGES OCCUR IN THIS SCHEDULE. IF YOU HAVE ANY QUESTIONS ABOUT THE SCHEDULE, CONTACT OR WRITE THE DISTRICT OFFICE.

METER CODE	WELL NAME	LOC	RUN	DAY	MO/YR	STARTING TIME
92306011	FEDERAL #5-13 17S. 24E. 5	06	07	3	12/85	1100
93795016	FEDERAL #32-3	06	12	6	11/85	0800
92151018	FEDERAL #17-9 16S. 25E. 17	06	12	10	12/85	0900
92178013	CARLSON USA #15-4 16S. 25E. 13	06	12	4	12/85	0800
93124015	FEDERAL #2-23	06	15		11/85	T.D.
93154010	FEDERAL #23-12	06	15		11/85	T.D.
93439015	FEDERAL #29-5	06	15	12	11/85	1200
93321014	FEDERAL #29-16	06	15	3	12/85	1000

# Tenneco Oil Company

A Tenneco Company

Western Rocky Mountain Division

P.O. Box 3249  
Englewood, Colorado 80155  
(303) 740-4800

Delivery Address:  
6162 South Willow Drive  
Englewood, Colorado

April 25, 1984

RECEIVED

APR 27 1984



DIVISION OF OIL  
GAS & MINING

State of Utah  
Department of Oil & Gas Conservation  
4241 State Office Bldg.  
Salt Lake City, UT 84114

Gentlemen:

Attached is a list of wells for which Tenneco Oil Company has been providing you with monthly state reports. Effective March 1, 1984, these wells were purchased by Quinoco Petroleum, Inc., 3801 East Florida Avenue, Suite 300, P. O. Box 10800, Denver, Colorado 80210. Quinoco will now be responsible for all state reporting on these wells beginning with March 1984 business.

Very truly yours,

TENNECO OIL COMPANY

*Ursula C. Sulzbach*  
Ursula C. Sulzbach  
Senior Revenue Analyst

UCS/wt  
Attachment

095  
TENNECO OIL COMPANY  
Utah Wells Sold to Quinoco  
Effective March 1, 1984

✓T. 17S R 24E Sec 4 Federal 4-12  
✓T17S R 24E Sec. 14 Hogle USA 14-4  
✓T17S R24E Sec 3 Federal 3-8  
✓T17S R24E Sec 3 Federal 3-15  
✓T16S R24E Sec 35 Federal 35-10  
✓T17S R24E Sec 2 Dietler State 2-14  
✓T17S R24E Sec 2 Dietler State 2-7  
✓T16S R25E Sec 31 Calvinco USA 31-12  
✓T17S R24E Sec 1 Reinauer 1-5  
✓T17S R24E Sec 1 Reinauer 1-14  
✓T16S R24E Sec 36 Tenneco State 36-14  
✓T16S R24E Sec 36 Tenneco State 36-16  
✓T16S R 24E Sec 35 Brown USA 35-3  
✓T17S R24E Sec 12 Edward 12-2  
✓T17S R25E Sec 7 Winter Camp Unit 7-14  
✓T17S R24E Sec 11 Hogle 11-12  
✓T17S R25E Sec 6 Federal 6-7  
✓T17S R25E Sec 7 Federal 7-4  
✓T16S R25E Sec 17 Federal 17-9  
✓T16S R25E Sec 14 Federal 14-2  
✓T16S R26E Sec 16 State 16-4  
✓T16S R25E Sec 13 Carlson USA 13-4  
✓T17S R24E Sec 5 Federal 5-13  
✓T16S R24E Sec 33 Wilson USA 33-15  
✓T17S R25E Sec 6 Federal 6-14  
✓T16S R25E Sec 13 Federal 13-9  
✓T16S R26E Sec 33 Federal 33-13  
T17S R26E Sec 5 Federal 5-4  
✓T16S R26E Sec 32 State 32-1  
✓T16S R26E Sec 32 State 32-11  
✓T17S R24E Sec 12 Tenneco USA 12-9

## DIVISION OF OIL GAS & MINING

Page 3 of 3

## MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

- QUINOCO CO. (PO BOX 108000)  
3801 E FLORIDA AVE #300  
DENVER CO 802100800  
ATTN: JUDY PUTNAM

Utah Account No. N9477

Report Period (Month/Year) 6 / 84

Amended Report ☐

Well Name	Producing Zone	Days Oper	Production Volume		
API Number      Entity      Location			Oil (BBL)	Gas (MSCF)	Water (BBL)
FEDERAL 5-4 4301930497 06640 17S 26E 5	DK-MR	29	0	324	0
STATE 32-11 4301930500 06645 16S 26E 32	DK-MR	30	0	1639	60
FEDERAL 7-4 4301930517 06650 17S 25E 7	MRSN	30	55	2861	90
FEDERAL 14-2 4301930541 06655 16S 25E 14	DKTA	16	0	693	0
FEDERAL 13-4 4301930617 06660 16S 25E 13	DK-MR	29	0	1896	0
TOTAL			55	7413	150

JUL 30 1984

**TOTAL**

**Comments (attach separate sheet if necessary)**

Should be Carlson USA 13-4

Will name change

I have reviewed this report and certify the information to be accurate and complete.

Date July 27, 1984

Giselle C. Ellis Giselle C. ELLIS  
Authorized signature

Telephone 1-800-525-3584



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

THIS IS TRIPLED  
Don't write more than  
three copies

# SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		2. LEASE DESIGNATION AND SERIAL NO. 71-025189
3. NAME OF OPERATOR Omimex Petroleum, Inc.		4. IF INDIAN, ALLOTTEE OR TRIBE NAME 031707
5. ADDRESS OF OPERATOR Stanford Place 1, Suite 1060 8055 E. Tufts Ave. Pkwy., Denver, CO 80237		6. UNIT AGREEMENT NAME
7. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 590' FNL & 890' FWL		8. FARM OR LEASE NAME Federal
9. PERMIT NO. 43-019-30617		10. WELL NO. 13-4
11. ELEVATIONS (Show whether OF, TO, OR GL.) 6460' GL		12. FIELD AND POOL, OR WILDCAT San Arroyo
13. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Sec. 13, T16S R25E		14. COUNTY OR PARISH Grand
15. STATE Utah		16. STATE

## Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

### NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	FULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other) Change of Operator	<input checked="" type="checkbox"/>		

### SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Change of Operator from Quinoco Petroleum, Inc., P.O. Box 378111, Denver, CO 80237 to Omimex Petroleum, Inc. effective as of March 1, 1987.

MAR 12 1987

DIVISION OF  
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

*Mary Carl*

TITLE Production Analyst

DATE

3-1-87

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

**LONE MOUNTAIN PRODUCTION COMPANY**

P.O. BOX 3394  
408 PETROLEUM BUILDING  
BILLINGS, MONTANA 59103-3394  
(406) 245-5077  
FAX 248-6321

June 24, 1992

State of Utah  
Dept. of Natural Resources  
Division of Oil, Gas, & Mining  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180

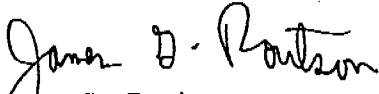
Re: Change of Operator  
Sundry Notices  
Grand County, Utah

Gentlemen:

Enclosed in triplicate are Sundry Notices for eight wells which Lone Mountain Production Company is assuming operations effective July 1, 1992. The wells were all previously operated by Omimex Petroleum. If any further information is needed please advise either me or Joe Dyk in our Grand Junction office.

Very truly yours,

Lone Mountain Production Company

  
James G. Routson  
President

Enclosures

xc: Joe Dyk  
Omimex

**RECEIVED**

JUN 26 1992

DIVISION OF  
OIL GAS & MINING

LONE MOUNTAIN PRODUCTION COMPANY  
FEDERAL NO. 5-4  
NW NW SEC. 5, T17S, R26E  
GRAND COUNTY, UTAH  
EL. 5348 GL  
LEASE # U-30301  
C.A. # NRM-1689

LONE MOUNTAIN PRODUCTION COMPANY  
FEDERAL NO. 33-13  
SW SW SEC. 33, T16S, R26E  
GRAND COUNTY, UTAH  
EL. 5409 GL  
LEASE # U-37856

LONE MOUNTAIN PRODUCTION COMPANY  
CARLSON FEDERAL NO. 13-4  
NW NW SEC. 13, T16S, R25E  
GRAND COUNTY, UTAH  
EL. 6495 GL  
LEASE # U-25189

LONE MOUNTAIN PRODUCTION COMPANY  
FEDERAL NO. 13-9  
NE SE SEC. 13, T16S, R25E  
GRAND COUNTY, UTAH  
EL. 6223 GL  
LEASE # U-29641

LONE MOUNTAIN PRODUCTION COMPANY  
FEDERAL NO. 14-2  
NW NE SEC. 14, T16S, R25E  
GRAND COUNTY, UTAH  
EL. 6495 GL  
LEASE # U-29641  
C.A. # CR-92

LONE MOUNTAIN PRODUCTION COMPANY  
FEDERAL NO. 17-9  
NE SE SEC. 17, T16S, R25E  
GRAND COUNTY, UTAH  
EL. 7367 GL  
LEASE # U-29642

LONE MOUNTAIN PRODUCTION COMPANY  
STATE NO. 32-1  
NE NE SEC. 32, T16S, R26E  
GRAND COUNTY, UTAH  
EL. 5517 GL  
LEASE # ML-27564

LONE MOUNTAIN PRODUCTION COMPANY  
STATE NO. 32-11  
NE SW SEC. 32, T16S, R26E  
GRAND COUNTY, UTAH  
EL. 5440 GL  
LEASE # ML-27564

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Budget Bureau No. 1004-0135  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-25189

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Carlson Federal

9. WELL NO.

No. 13-4

10. FIELD AND POOL, OR WILDCAT

San Arroyo

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

NW NW Sec. 13, T16S, R25E

12. COUNTY OR PARISH

Grand

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. ☐ OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR  
Lone Mountain Production Company

3. ADDRESS OF OPERATOR  
404 Petroleum Building, P. O. Box 3394, Billings, MT 59103

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface  
590' FNL, 940' FWL, Sec. 13

14. PERMIT NO.  
43-019-30617

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
6495 GL

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other) change of operator

XX

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT\*

(Other)

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Lone Mountain Production Company will become operator of the above referenced well effective July 1, 1992. The well was formerly operated by Omimex Petroleum.

RECEIVED

JUN 26 1992

DIVISION OF  
OIL GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

James D. Routson  
James G. Routson

TITLE

President

DATE

June 24, 1992

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

(3)

RECEIVED

AUG 10 1992

DIVISION OF  
OIL GAS & MINING

Ominex Petro. Inc.

UTU37856	Lone Mountain Production Company eff. 7-30-92 → 33-13	PGW	16S	26E	33	SWSW	430193041600S1
UTU31468	33-2	TA	16S	24E	33	NWNE	430193070300S1
	33-15	PGW	16S	24E	33	SWSE	430193052000S1
UTU29842	Lone Mountain Production Company eff. 7-30-92 → 17-9	PGW	16S	25E	17	NESE	430193047200S1
UTU29641	Lone Mountain Production Company eff. 7-30-92 → 13-9	PGW	16S	25E	13	NESE	430193046800S1
UTU25189	Lone Mountain Production Company eff. 7-30-92 → 13-4	PGW	16S	25E	13	NWNW	430193061700S1
UTU10152A	28-15	TA	16S	24E	28	SESW	430193054500S1
UTU10152	35-3	PGW	16S	24E	35	NENW	430193077100S1
NRM1689	5-4	PGW	17S	26E	5	NWNW	430193049700S1
MO49P84701C	35-10	PGW	16S	24E	35	NWSE	430193053800S1
CR94	14-2	GSI	16S	25E	14	NWNE	430193054100S1
CR222	4-12	PGW	17S	24E	4	NWSE	430193052200S1
891020386A	11-11	POW	38S	25E	11	NWNW	430373090300S1
	3-64	POW	38S	25E	3	NENW	430373081700S1
	11-12	POW	38S	25E	11	SENW	430373081400S1
8910203860	3-17	POW	38S	25E	3	SENW	430373090100S1
	1-3	POW	38S	25E	3	NENW	430373074100S1
	3-11	POW	38S	25E	3	NWNW	430373090200S2

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Routing:

1-LCR	7-LCR
2-DPS	
3-VLC	
4-RJF	
5-RWM	
6-ADA	

Attach all documentation received by the division regarding this change.  
 Initial each listed item when completed. Write N/A if item is not-applicable.

☒ Change of Operator (well sold) ☐ Designation of Agent  
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 7-1-92)

TO (new operator)	<u>LONE MOUNTAIN PROD CO</u>	FROM (former operator)	<u>OMIMEX PETROLEUM INC</u>
(address)	<u>PO BOX 3394</u>	(address)	<u>8055 E TUFTS AVE STE 1060</u>
	<u>BILLINGS, MT 59103</u>		<u>DENVER, CO 80237</u>
	<u>JAMES ROUTSON, PRES</u>		
	phone ( <u>406</u> ) <u>245-5077</u>		phone ( <u>303</u> ) <u>771-1661</u>
	account no. <u>N 7210</u>		account no. <u>N 0735</u>

Well(s) (attach additional page if needed):

Name: <u>FEDERAL 33-13/DK-MR</u>	API: <u>43-019-30416</u>	Entity: <u>6615</u>	Sec <u>33</u> Twp <u>16S</u> Rng <u>26E</u>	Lease Type: <u>U-37856</u>
Name: <u>STATE 32-1/DK-MR</u>	API: <u>43-019-30451</u>	Entity: <u>6625</u>	Sec <u>32</u> Twp <u>16S</u> Rng <u>26E</u>	Lease Type: <u>ML-27564</u>
Name: <u>FEDERAL 13-9/DKTA</u>	API: <u>43-019-30468</u>	Entity: <u>6630</u>	Sec <u>13</u> Twp <u>16S</u> Rng <u>25E</u>	Lease Type: <u>U-29641</u>
Name: <u>FEDERAL 17-9/DKTA</u>	API: <u>43-019-30472</u>	Entity: <u>6635</u>	Sec <u>17</u> Twp <u>16S</u> Rng <u>25E</u>	Lease Type: <u>U-29642</u>
Name: <u>FEDERAL 5-4/DK-MR</u>	API: <u>43-019-30497</u>	Entity: <u>6640</u>	Sec <u>5</u> Twp <u>17S</u> Rng <u>26E</u>	Lease Type: <u>U-30301</u>
Name: <u>STATE 32-11/DK-MR</u>	API: <u>43-019-30500</u>	Entity: <u>6645</u>	Sec <u>32</u> Twp <u>16S</u> Rng <u>26E</u>	Lease Type: <u>ML-27564</u>
Name: <u>FEDERAL 14-2/DKTA</u>	API: <u>43-019-30541</u>	Entity: <u>6655</u>	Sec <u>14</u> Twp <u>16S</u> Rng <u>25E</u>	Lease Type: <u>U-29641</u>
<u>CARLSON USA 13-4/DK-MR</u>	<u>43-019-30617</u>	<u>6660</u>	<u>13 16S 25E</u>	<u>U-25189</u>

**OPERATOR CHANGE DOCUMENTATION**

- X 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (*BAI Approved 7-30-92*)
- See 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (*Rec'd 6-26-92*)
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: \_\_\_\_
- See 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (*8-24-92*)
- See 6. Cardex file has been updated for each well listed above. (*8-24-92*)
- See 7. Well file labels have been updated for each well listed above. (*8-24-92*)
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (*8-24-92*)
- See 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

## ENTITY REVIEW

- 1 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) \_\_\_\_ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- 2 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

## BOND VERIFICATION (Fee wells only)

- 1 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- N/A 2. A copy of this form has been placed in the new and former operators' bond files.
- N/A 3. The former operator has requested a release of liability from their bond (yes/no) \_\_\_\_.  
Today's date \_\_\_\_\_ 19\_\_\_\_. If yes, division response was made by letter  
for dated \_\_\_\_\_ 19\_\_\_\_.

## LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- 1 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated \_\_\_\_\_ 19\_\_\_\_, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- 2 2. Copies of documents have been sent to State Lands for changes involving State leases.  
8-27-92 to Ed Bonner

## FILMING

- for 1. All attachments to this form have been microfilmed. Dates Sept 9, 1992 19\_\_\_\_.

## FILING

- for 1. Copies of all attachments to this form have been filed in each well file.
- for 2. The original of this form and the original attachments have been filed in the Operator Change file.

## COMMENTS

920728 Omimex reporting June & July Production.

920824 14-2 / 43-019-30541 CA CR-94 Not approved as of yet. (separate change)